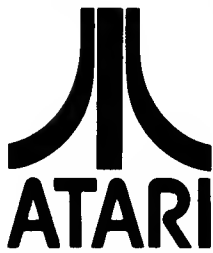


PIN PONG

Operation and Maintenance Manual





JOB Title P.C. BOARD ASSEMBLY
PIN PONG - 60 HZ

Dwg. P/L 001660-01

Parts List Specification

sheet 1 of 2

Drawn Cynthia

Checked

Proj. Eng.

Mech. Eng.

Elec. Eng.

Rev.

G

Rev.	Description	Apprv.	Rev.	Description	Apprv.
C	PROD. REL				
D	REV PER ECN 751,811,812				
E	Rev per ECN 926				
F	Rev per ECN 971				
G	REV PER ECN 1071				

Item	Part. No.	Qty.	Description
1	72062/37-74L00	1	Integrated Circuit, 74L00
2	72000/37-7400	8	" " 7400
3	72001/37-7402	7	" " 7402
4	72002/37-7404	5	" " 7404
5	72027/37-7408	8	" " 7408
6	72003/37-7410	7	" " 7410
7	72061/37-7414	1	" " 7414
8	72004/37-7420	5	" " 7420
9	72006/37-7427	2	" " 7427
10	72007/37-7430	2	" " 7430
11	72064/37-7432	1	" " 7432
12	72008/37-7448	1	" " 7448
13	72010/37-7474	20	" " 7474
14	72059/37-7485	2	" " 7485
15	72012/37-7486	8	" " 7486
16	72013/37-7490	4	" " 7490
17	72014/37-7493	3	" " 7493
18	72015/37-74107	4	" " 74107
19	72016/37-74153	2	" " 74153
20	72060/37-74164	1	" " 74164
21	72035/37-74193	5	" " 74193
22	72024/37-9312	4	" " 9312
23	72036/37-9314	3	" " 9314
24	72017/37-9316	3	" " 9316
25	72031/37-9321	1	" " 9321
26	72025/37-9322	4	" " 9322
27	72026/37-9602	1	" " 9602
28	72057/37-LM323K	1	LM323K
29	72048/37-LM380	1	" " LM380
30	72058/37-MC4024	1	" " MC4024
31	72042/37-MFC6040	1	" " MFC 6040
32	72040/37-CD4016	1	" " CD4016
33	72021/37-NE566	1	" " NE566
34	22103/19-311103	1	Trimpot, 10K
35	22502/19-311502	1	Trimpot, 5K
36	22105/19-311105	1	Trimpot, 1M
37	37000/24-160802	1	Capacitor, Electrolytic, 8,000 uf, 16V

PARTS LIST SPECIFICATION

Dwg. P/L 001660-01

Title PCB ASSY. - PIN PONG - 60 HZ

sheet 2 of 2

Rev. G

Item	Part No.	Qty.	Description
38	35503/24-250501	3	Capacitor, Electrolytic, 500 uf, 25V
39	35254/24-060251	1	" " 250 uf, 6V
40	39100/29-001	2	" Tantalum, 100 uf, 10V
41	35506/24-250100	2	" Electrolytic, 10 uf, 25V
42	35472/24-100050	2	" " 5 uf, 16V
43	35508/24-250010	1	" " 1 uf, 25V
44	34101/27-101104	16	" Ceramic, Disc, .1 uf
45	32221/27-101224	1	" Mylar, .22 uf
46	30332/28-101471	1	" Mica, 470 pf
47	30101/28-101101	1	" " 100 pf
48	30102/28-101221	6	" " 220 pf
49	71001/31-1N4001	6	Diode, 1N 4001
50	31-1N1612	2	Diode, 1N 1612
51	71000/31-1N914	15	Diode, 1N 914
52	71020/32-1N5237	1	Diode, 1N 712 (or 1N 5237), 8.2V Zener
53	70009/34-2N5190	1	Transistor, 2N 5190
54	70000/34-2N3643	3	Transistor, 2N 3643
55	70001/34-2N3544	1	Transistor, 2N 3644
56	19100/19-808W4PO	1	Resistor, 10 Watt, 4 ohm
57	12103/11-0151	1	" 1/2 Watt, 150 ohm
58	11270/19-839C2P7	1	" Carbon, $\pm 5\%$, 1/4 Watt, 2.7 ohm
59	11123/10-5123	1	" " " 12K ohm
60	10101/10-0101	4	" " $\pm 10\%$, " 100 ohm
61	10151/10-0151	1	" " " 150 ohm
62	10221/10-0221	2	" " " 220 ohm
63	10271/10-0271	3	" " " 270 ohm
64	10331/10-0331	7	" " " 330 ohm
65	10102/10-0102	24	" " " 1K ohm
66	10103/10-0103	2	" " " 10K ohm
67	10153/10-0153	2	" " " 15K ohm
68	10181/10-0181	1	" " " 180 ohm
69	10472/10-0472	4	" " " 4.7K ohm
70	10273/10-0273	1	" " " 27K ohm
71	10473/10-0473	1	" " " 47K ohm
72	75103/75-916S	2	Nut, Hex, H6
73	75100/72-1610C	2	Screw, Pan Head, SS, #6-32 x 5/8
74	75101/75-056	4	Washer, Internal Star, #6
75	75102/75-016C	2	Washer, Flat, #6
76	75188/75-1408C	3	Screw, Machine, Pan Hd., #4-40 x 1/2", SS
77	75164/75-914S	3	Nut, Hex, #4-40
78	75194/75-054	5	Washer, Internal Tooth Lock, #4-40
79	75163/75-014S	2	Washer, Flat, #4-40
80	60000/69-001	3	Switch, DPDT
81	81001/90-101	1	Crystal
82	83014/78-06001	1	Wakefield Heatsink
83	001925	1	Printed Circuit Board, Revision C
84	79-20102	7	Useco 2006B Terminals
85	79-58017	1	6 Pin Polarized Male P.C. Conn.
86	001992	1	Heatsink, Diode
87	78-16002	A/R	Thermal Conductive Compound
88	57-216	2	Buss Wire, #16AWG, 1 1/4" Long
89	75-050	2	Washer, Internal Tooth Lock, #10
90	75-910S	2	Nut, Hex, #10-32
91	24-100105	1	Capacitor, Electrolytic, 1 uf, 10V
92	10-0222	1	RESISTOR, CARBON, 10%, 1/4W, 2.2K OHM



ASSEMBLY TITLE / PIN PONG ELECTRONICS TRAY P/L 001927

PARTS LIST SPECIFICATION

Page 1 of 1

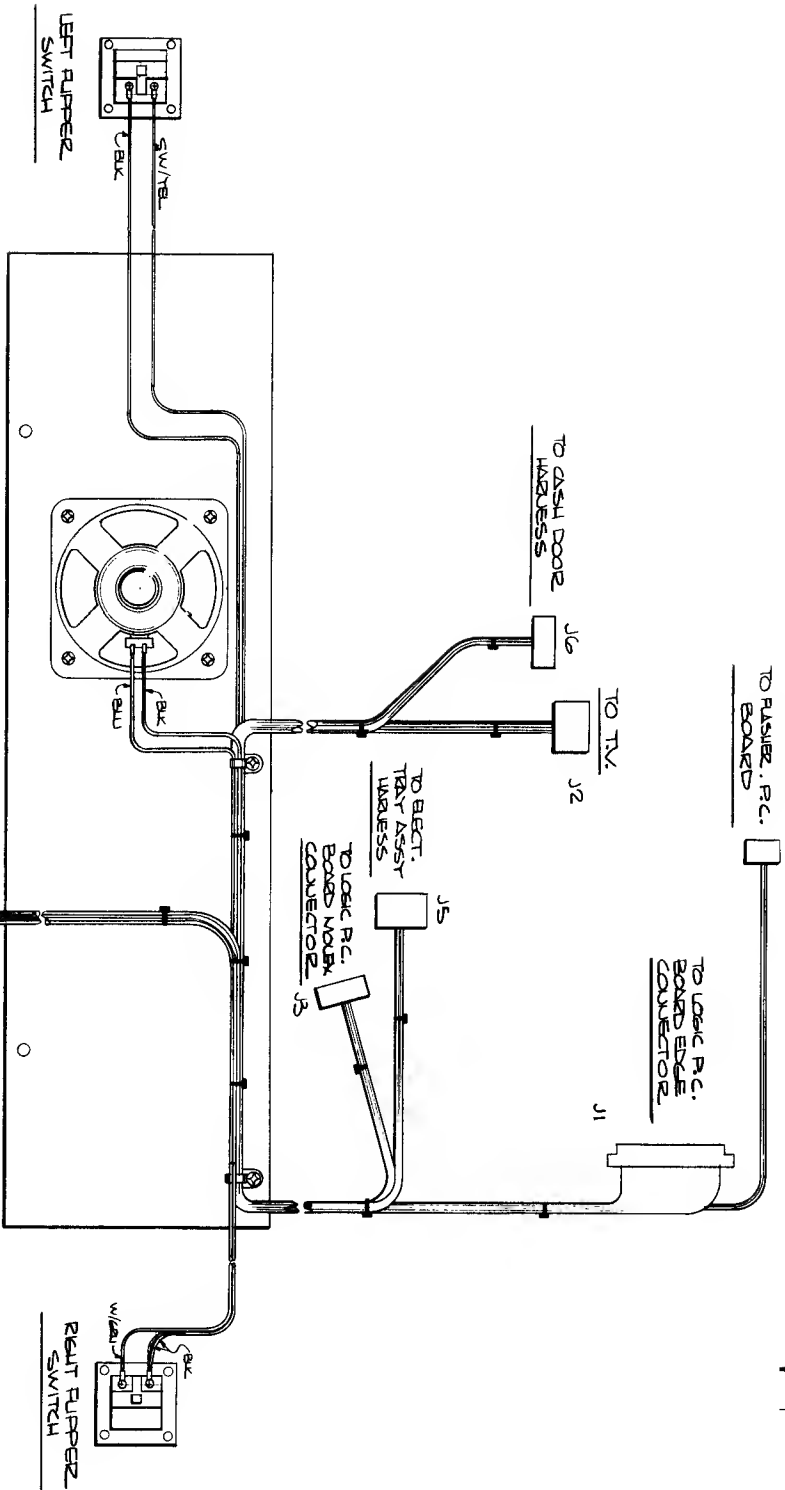
Drawn		
Checked	Mech. Eng. <i>[Signature]</i>	
Proj. Eng. <i>[Signature]</i>	Elec. Eng. <i>[Signature]</i>	REV. B

Rev.	Description	Date	Apprv.	Rev.	Description	Date	Apprv.
A	PROD REL	10/7/74	<i>[Signature]</i>				
B	REV PER ECN 893	10/21/74	<i>[Signature]</i>				

Item	Part Number	Qty.	DESCRIPTION
1	001551	1	Transformer
2	42-70102	1	Transformer
3	90-3001	1	Linefilter
4	79-3201	1	Fuse Holder
5	46-20120	1	Fuse, 2A, Slo-Blo
6	68-001	1	Interlock Switch
7	000268	1	Interlock Switch Bracket
8	72-6608	20	Screw, Sheet Metal, #6, Pan Hd., Phil., 1/2"
9	001998	1	Transformer Cover
10	71-301	1	Staple
11	54-401	1	Line Cord
12	002439	1	Harness
13	47-1001	1	Coin Counter
14	75-2824S	1	Machine Screw, #8 x 1 1/2"
15	75-918S	2	8-32 Nut
16	75-018S	3	Washer, #8
17	A001995	1	Tray, Electronics
18	A001920	1	Harness, Voltage Selection
19*	A001921-01	A/R	Shorting Block, 95V
20*	A001921-02	A/R	Shorting Block, 110V
21*	A001921-03	A/R	Shorting Block, 220V (High Line)
22*	A001921-04	A/R	Shorting Block, 220V (Low Line)
23	75-8808	4	Screw, Wood, Flat Hd., Phil., #8 x 1/2" Lg.
24	78-25001	A/R	Cable Clamp
25	000871	1	Label
26	79-20101	1	Molex Male Pin 02-09-2011
27	79-58019	1	Molex Plug 03-09-2118

*Install Shorting Block per voltage required

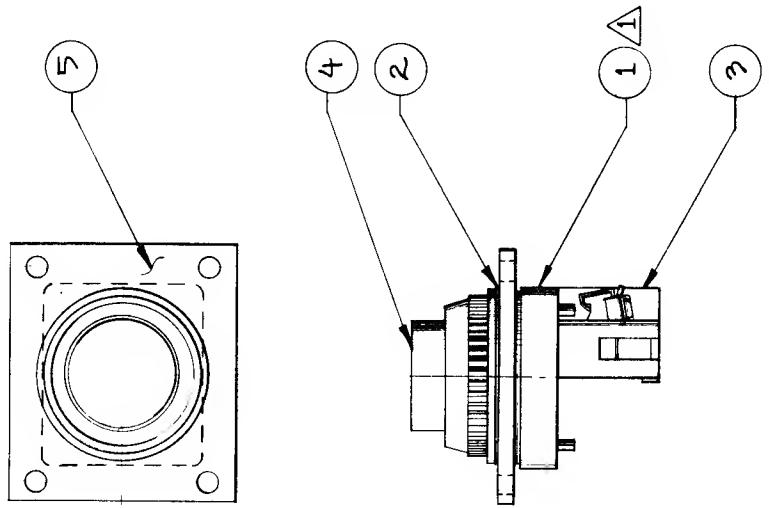
REVISIONS				
SYM	DESCRIPTION	INITIALS and DATE		
Δ	PROD REL	DRF'G	CHECK	ENGR'G
		04/74	✓	EC/



INTERPRET THIS DRAWING: FOR USAR 1143		DRAWN BY DC	DATE 0-11-74
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FINISHES: FRACTIONS ±.010 ANGLES ±.010 SURFACE FINISH ✓ SEE FIG. 010		CHECKED DC	PROJECT ENGINEER gary & gary 0/14
MATERIAL: (Blank space for material specification)		APPROVED (Signature)	TITLE HARNESS INSTALLATION DRAWING
SIZE D	DRAWING NO. 002446	SCALE 1/2	REV A
ATARI INCORPORATED 1400 Winchester Boulevard Los Gatos, California 95030		SHEET 1 OF 1	

1 2 3 4

D C B A



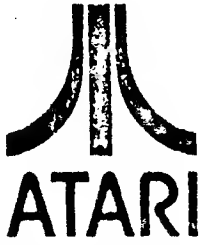
⚠ ITEM 1 IS PURCHASED WITH THREE PLASTIC SPACERS, ONE 1/16" THICK SPACER IS PLACED BENEATH ITEM 5. THE 1/8" THICK SPACER IS PLACED ABOVE ITEM 2. (THE SECOND 1/16" THICK SPACER IS OMITTED FROM THE ASSEMBLY.)

NOTES:

INTERPRET THIS DRAWING PER USASI Y14.5		DRAWN BY REGAN		DATE 8-26-74	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON		CHECKED		ATARI INCORPORATED 14600 Winchester Boulevard Los Gatos, California 95030	
FRACTIONS - $\pm 1/16$ $\times \pm .03$ ANGLES - $\pm 1^\circ$ SURFACE FINISH - $\sqrt{\text{XXX}} = \text{A B10}$		DESIGN ENGINEER REGAN		TITLE SWITCH ASSEMBLY	
MATERIAL		PROJECT ENGINEER <i>Cheryl</i>		REV B	
SEE P/L 001929		DOCUMENT CONTROL		DRAWING NO. A001929	
NEXT ASSY		APPROVED <i>Cheryl</i>		SHEET FULL	
APPLICATION		DATE 9/18/74		ON 1	

REVISIONS			
SYM	DESCRIPTION	INITIALS and DATE	
		DFTG	ENGR
A	9-18-74		EC
B	REV PER ECU 9/16	10-27-74	EC
B	11-7-74		1/EC

D C B A



Job Title SWITCH ASSEMBLY
PIN PONG

Dwg. P/L 001929

Parts List Specification

sheet 1 of 1

Drawn Cynthia

Checked

Proj. Eng.

Mech. Eng. BEN CHEN

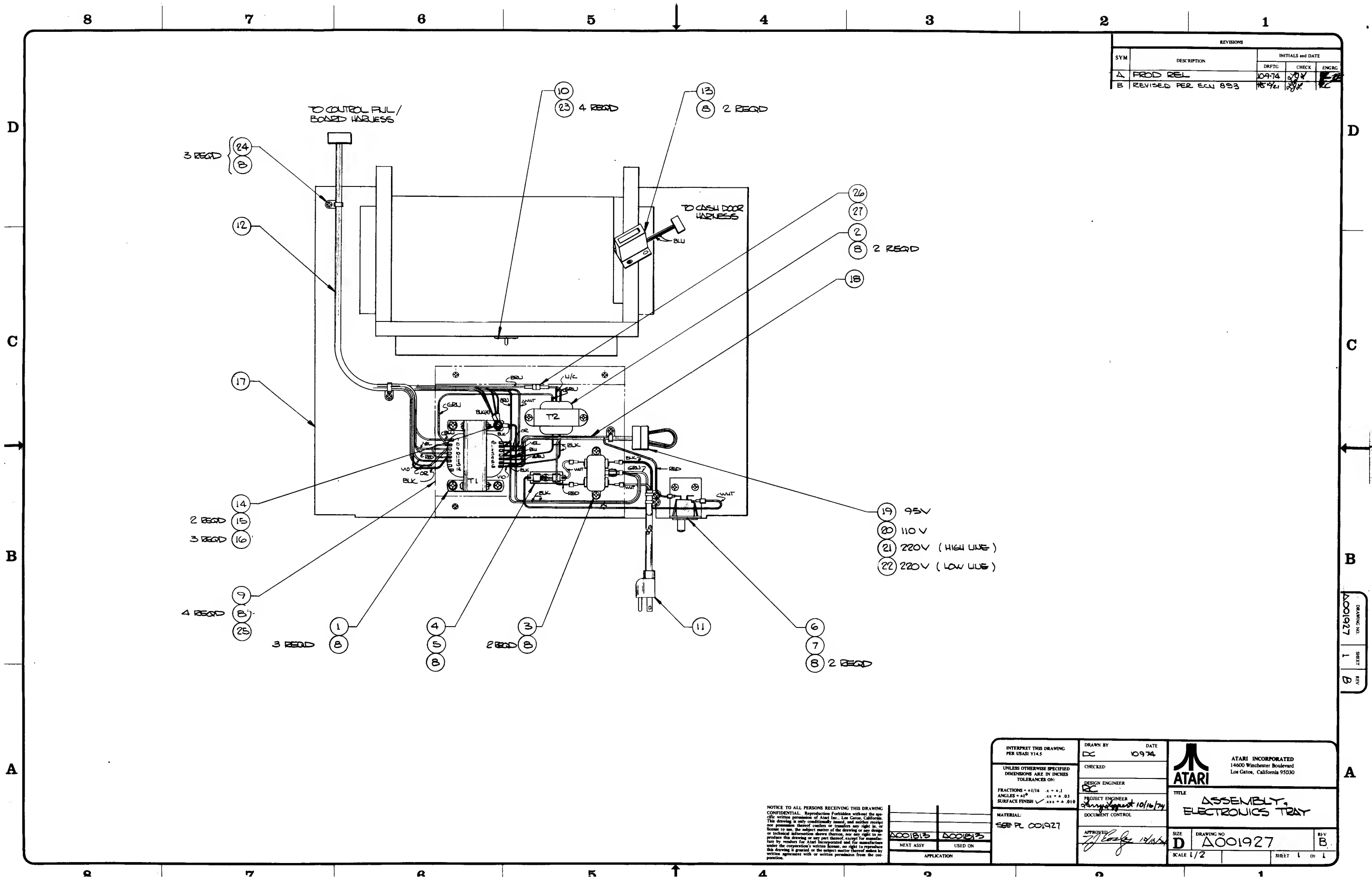
Elec. Eng. Larry Leppert

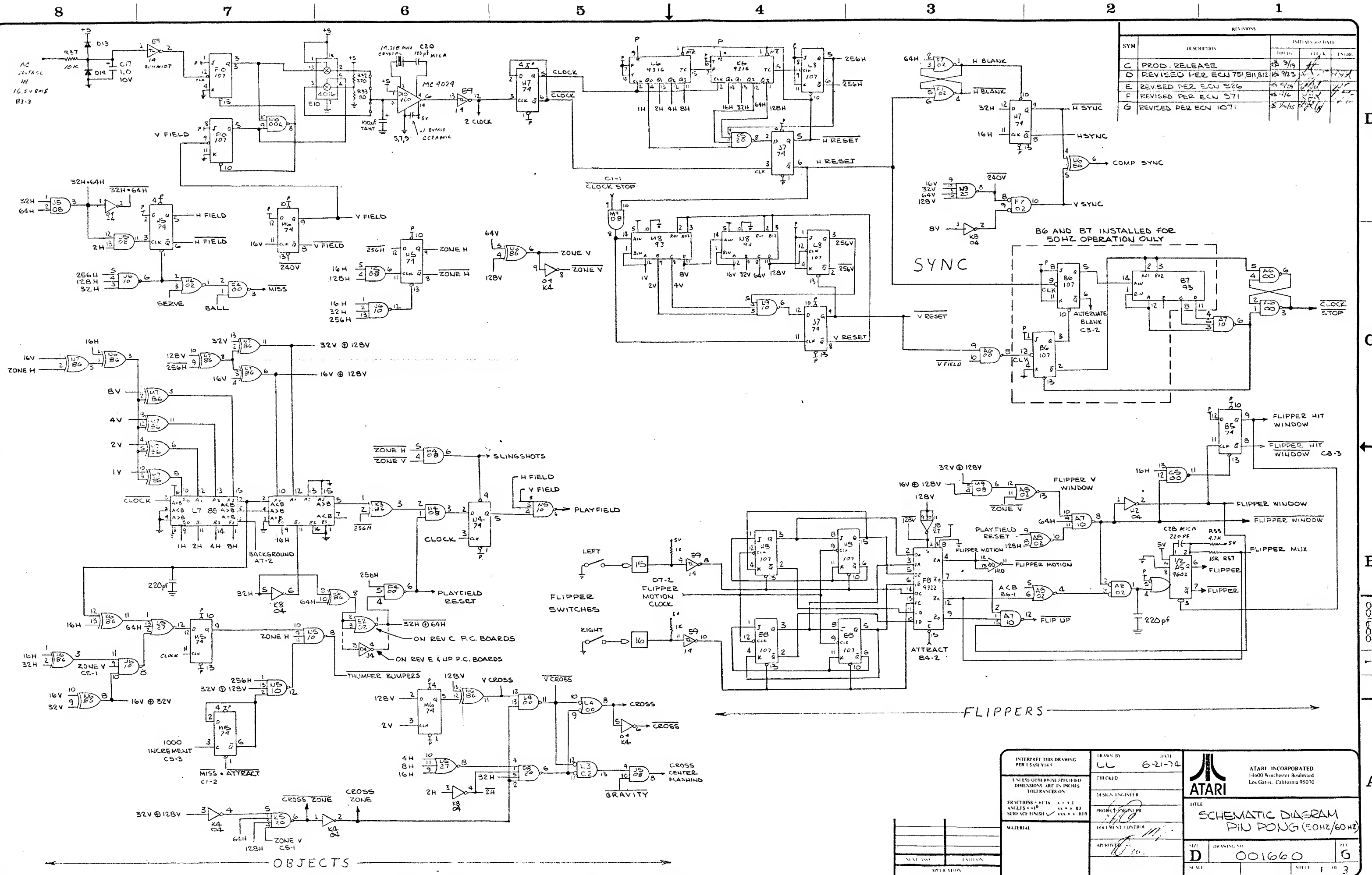
Rev.

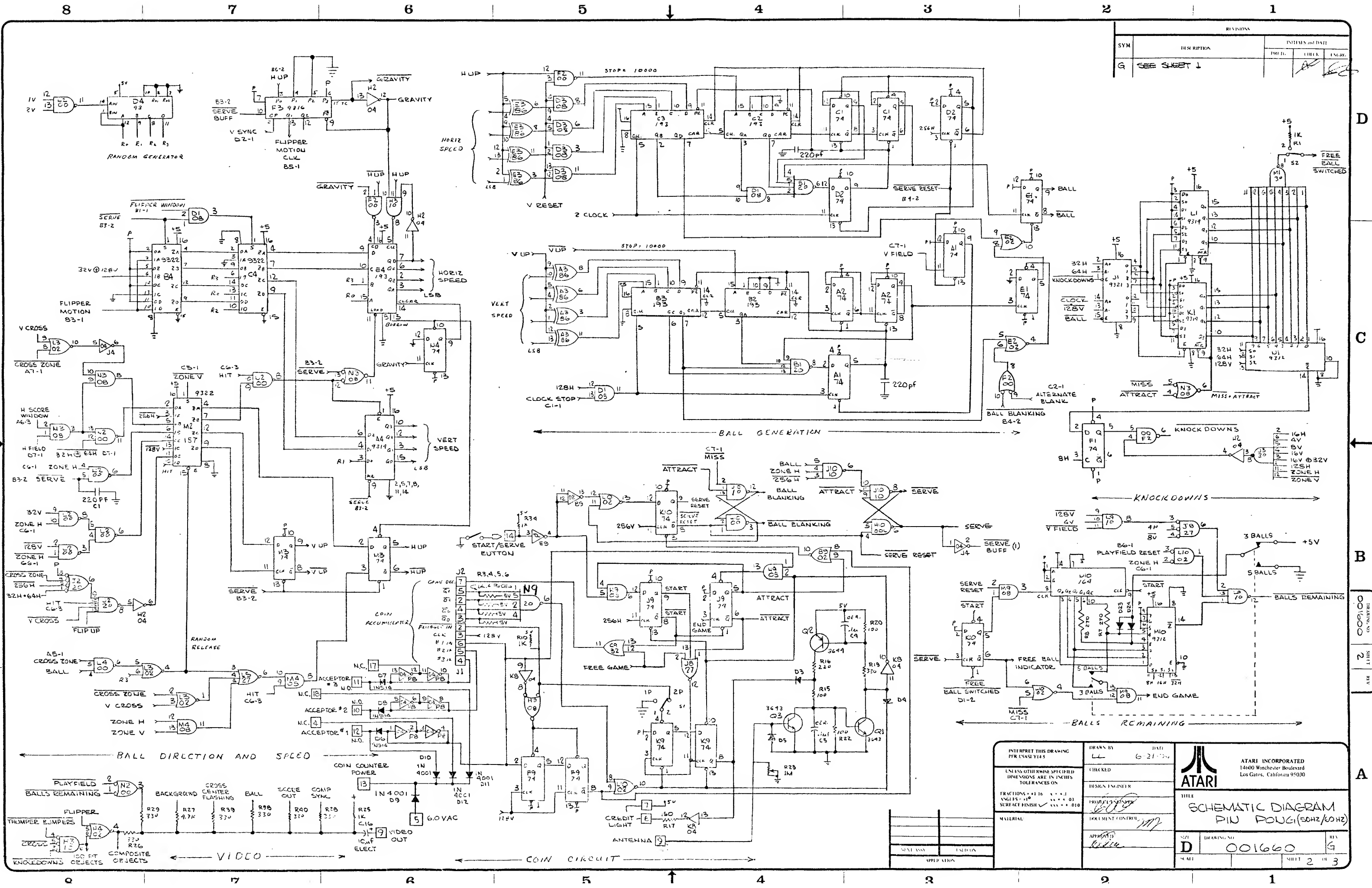
B

Rev.	Description	Apprv.	Rev.	Description	Apprv.
A	PREPROD REL 9/23/74	PC			
B	Rev per ECN 916 10/25/74	PC			
B	PROD REL 11/7/74	PC			

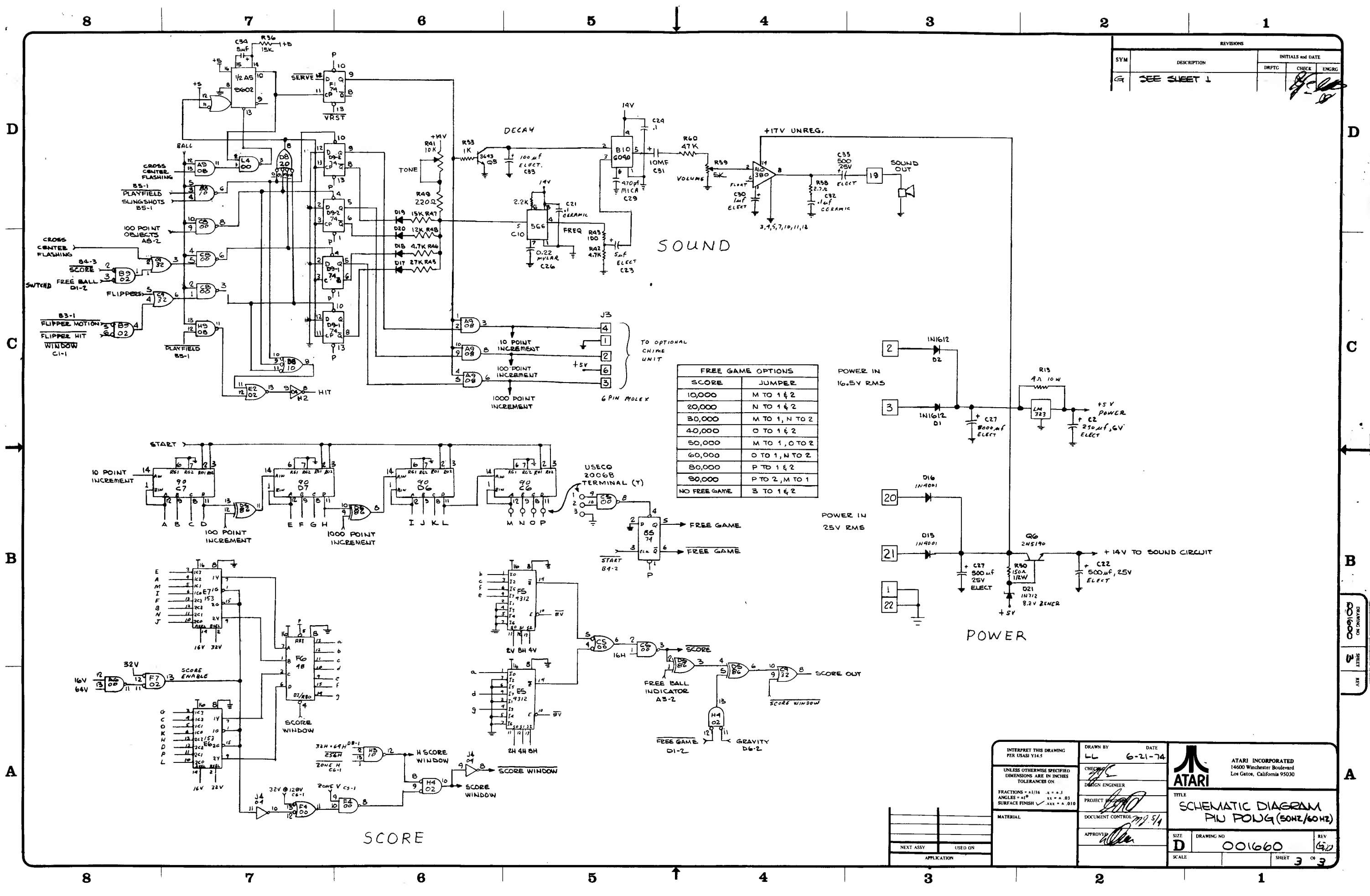
Item	Part. No.	Qty.	Description
1	60013/60-0102	1	Switch, Push-button, Rundel (#R2)
2	60011/60-0301	1	Ring, Anti-Rotation (#SA 19)
3	60012/60-0401	1	Contact Block, SPST, N.O.
4	60014/60-0202	1	Cap, Switch (Yellow), #AY 1
5	001819	1	Bracket, Mounting, Control







INTERPRET THIS DRAWING FOR USASI Y145		DRAWN BY LL		DATE 6-21-74	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON		CHECKED		DESIGN ENGINEER	
FRACTIONS - 1/16, 1/8, 1/4, 1/2, 3/4, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 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2174, 2175, 2176, 2177, 2178, 2179					



REVISIONS				
SYM	DESCRIPTION	INITIALS and DATE		
1	SEE SHEET 1	DRFTG	CHECK	ENGRG

INTERPRET THIS DRAWING PER USASI Y14.5

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:

FRACTIONS = 1/16 2 = 1/2 3 = 3/4 4 = 1/2 5 = 5/16 6 = 3/8 7 = 7/16 8 = 1/2 9 = 9/16 10 = 5/8 11 = 11/16 12 = 3/4 13 = 7/8 14 = 1 15 = 1 1/2 16 = 2 17 = 2 1/2 18 = 3 19 = 3 1/2 20 = 4 21 = 4 1/2 22 = 5 23 = 5 1/2 24 = 6 25 = 6 1/2 26 = 7 27 = 7 1/2 28 = 8 29 = 8 1/2 30 = 9 31 = 9 1/2 32 = 10 33 = 10 1/2 34 = 11 35 = 11 1/2 36 = 12 37 = 12 1/2 38 = 13 39 = 13 1/2 40 = 14 41 = 14 1/2 42 = 15 43 = 15 1/2 44 = 16 45 = 16 1/2 46 = 17 47 = 17 1/2 48 = 18 49 = 18 1/2 50 = 19 51 = 19 1/2 52 = 20 53 = 20 1/2 54 = 21 55 = 21 1/2 56 = 22 57 = 22 1/2 58 = 23 59 = 23 1/2 60 = 24 61 = 24 1/2 62 = 25 63 = 25 1/2 64 = 26 65 = 26 1/2 66 = 27 67 = 27 1/2 68 = 28 69 = 28 1/2 70 = 29 71 = 29 1/2 72 = 30 73 = 30 1/2 74 = 31 75 = 31 1/2 76 = 32 77 = 32 1/2 78 = 33 79 = 33 1/2 80 = 34 81 = 34 1/2 82 = 35 83 = 35 1/2 84 = 36 85 = 36 1/2 86 = 37 87 = 37 1/2 88 = 38 89 = 38 1/2 90 = 39 91 = 39 1/2 92 = 40 93 = 40 1/2 94 = 41 95 = 41 1/2 96 = 42 97 = 42 1/2 98 = 43 99 = 43 1/2 100 = 44

DRAWN BY

DATE

CHECKED BY

DESIGN ENGINEER

PROJECT MANAGER

DOCUMENT CONTROL

APPROVED

ATARI INCORPORATED
14600 Winchester Boulevard
Los Gatos, California 95030

TITLE

SCHEMATIC DIAGRAM
PIU PONG (50HZ/60HZ)

SIZE

D

DRAWING NO

001660

REV

4

SCALE

SHEET

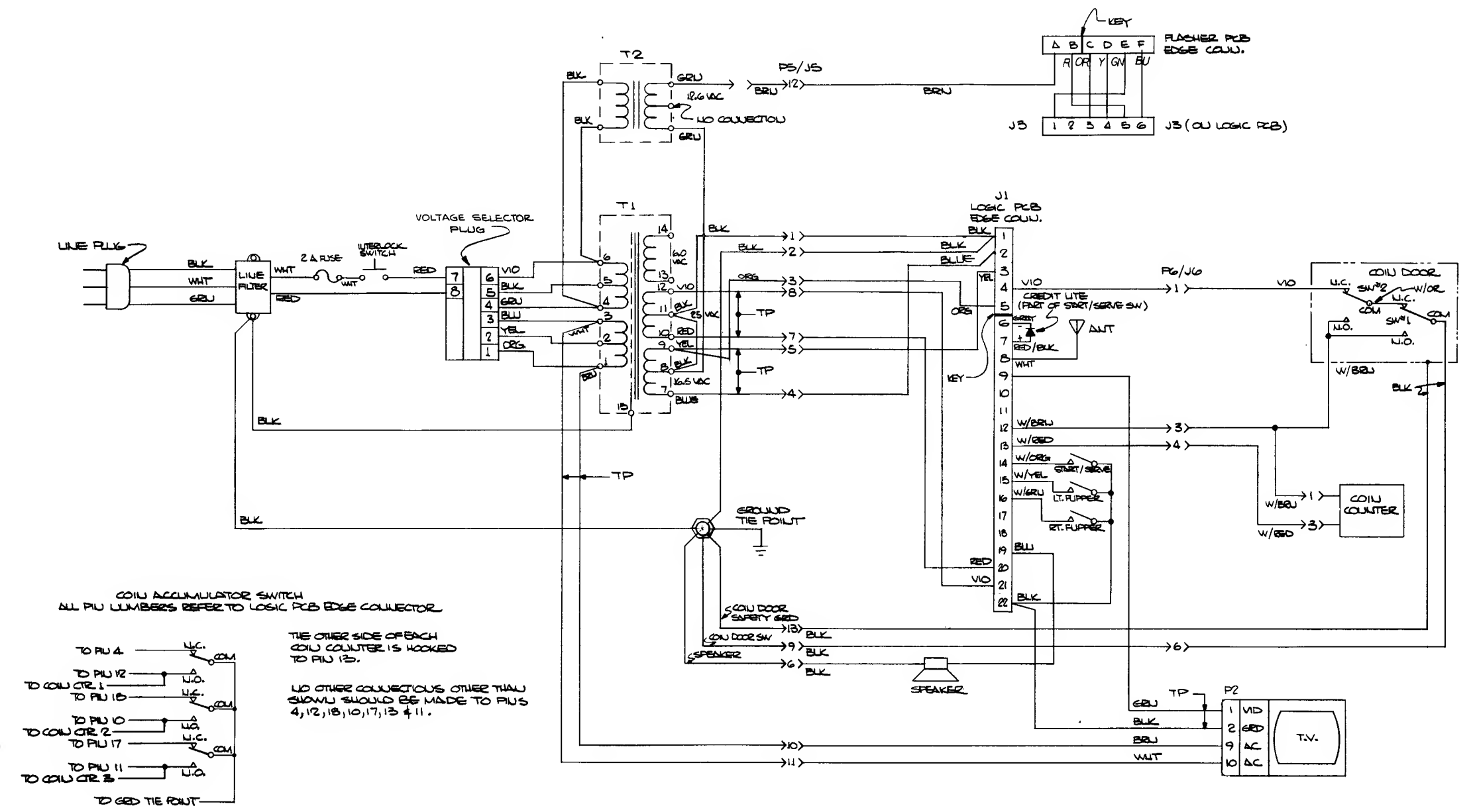
3

OF

3

DRAWING NO
001660
SHEET
REV

REVISIONS			
SYM	DESCRIPTION	INITIALS and DATE	
		DRFTG	CHKD
B	PROD REL	10/15/74	PC
C	REVISED PER ECN 892	10/21/88	PC
D	REV PER ECN 1425	5/2/15	PC



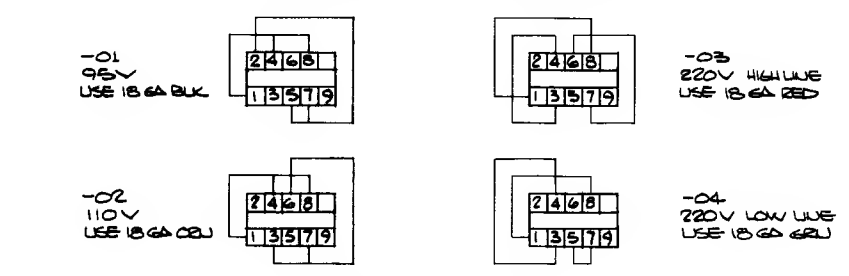
COIN ACCUMULATOR SWITCH
ALL PU NUMBERS REFER TO LOGIC PCB EDGE CONNECTOR

THE OTHER SIDE OF EACH COIN COUNTER IS HOOKED TO PU 13.

NO OTHER CONNECTIONS OTHER THAN SHOWN SHOULD BE MADE TO PUS 4, 12, 13, 10, 17, 13 & 11.

TO PU 4 — U.C. — COIN
TO COIN CR 1 — U.C. — COIN
TO PU 10 — U.C. — COIN
TO COIN CR 2 — U.C. — COIN
TO PU 17 — U.C. — COIN
TO PU 11 — U.C. — COIN
TO GND TIE POINT — U.C. — COIN

10 PU MOLEX VOLTAGE SELECTOR PLUGS



* SEE DRAWING 0001921 FOR FULL DETAIL

APPLICATION	USED ON
0001813	0001813

INTERPRET THIS DRAWING PER USASI Y14.5	DRAWN BY: COOK DATE: 10/15/74	<p>ATARI INCORPORATED 14600 Winchester Boulevard Los Gatos, California 95030</p>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:	CHECKED: [Signature]	
FRACTIONS - 1/16, 1/8, 1/4, 1/2, 3/4, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000	PROJECT ENGINEER: [Signature]	TITLE: WIRING DIAGRAM P1U PONG
MATERIAL:	DOCUMENT CONTROL:	SIZE: D DRAWING NO: 001982
APPROVED: [Signature]	SCALE:	REV: 0